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EXAMINER	
SAETHER, FLEMMING	
ART UNIT	PAPER NUMBER
3677	

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Please find below and/or attached an Office communication concerning this application or proceeding.

• Notice of Non-Compliant Amendment (37 CFR 1.121)	Application No. 10765224	Applicant(s)
	Examiner Sather	Art Unit 3677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on 5-1-06 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
  - ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☐ C. Other _____.
- ☐ 2. Abstract:
  - ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other _____.
- ☐ 3. Amendments to the drawings:
  - ☐ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - ☐ C. Other _____.
- ☒ 4. Amendments to the claims:
  - ☐ A. A complete listing of all of the claims is not present.
  - ☒ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☐ E. Other: _____.

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714 and the USPTO website at http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf .

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted within the time period set forth in the final Office action.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c); and an amendment filed in response to a *Quayle* action.

Extensions of time are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.

Failure to timely respond to this notice will result in:
Abandonment of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or
Non-entry of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Wanda Brown — Legal Instruments Examiner (LIE)

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What is claimed is:

1. (canceled) A method of retaining a threaded bolt to prevent rotation thereof while installing a nut onto or removing a nut from said threaded bolt comprising

inserting said threaded bolt which has a section between the threaded portion and the bolt head that is non-round into a member that has an opening of like size and configuration to the non-round portion of said bolt

installing a retainer onto said threaded bolt on the opposite side of said member from the bolt head at or near the junction of the threaded portion and the non-round portion of said threaded bolt

whereby, the non-round portion of said threaded bolt is restrained from moving out of engagement with the non-round opening of said member.

2. (canceled) A method as in claim 1 whereby said threaded bolt is a carriage bolt modified to receive a retainer near the junction of the threaded portion and the square portion of said carriage bolt, and said member having a square opening of like size to the square portion of said carriage bolt.

3. (canceled) A method as in claim 2 where said carriage bolt is modified by adding a cross hole to receive a pin which serves to retain the square portion of

said carriage bolt in the square opening of said member.

4. (canceled) A method as in claim 3 where said pin inserted into the cross-hole is a roll pin.

5. (canceled) A method as in claim 3 where said pin inserted into the cross-hole is a cotter key.

6. (canceled) A method as in claim 2 where said carriage bolt is modified by adding a groove at or near the junction of the threaded portion of said bolt and the square portion to receive a retaining ring or clip which serves to retain the square portion of said carriage bolt in the square opening of said member.

7. (canceled) A method as in claim 2 where the square portion of said carriage bolt is retained in the square opening of said member by installing over the threads of said carriage bolt next to the square portion of said carriage bolt on the opposite side of said member from the head of said carriage bolt a device having an internal opening deforming to clamp the threads of said carriage bolt.

8. (canceled) A method as in claim 7 where said device having a deforming internal opening is a internal tooth washer.

9. (canceled) A method of retaining a shaker screen in a media separating shaker machine comprising

installing into said media separating shaker machine said shaker screen by

clamping a rail of a length sufficient to engage a major portion of said shaker screen said clamping rail having the necessary cross-sectional configuration to give clamping action to said shaker screen and having spaced along said clamping rail holes of non-round shape to receive bolts to obtain clamping action

fastening bolts for obtaining clamping action having between the threaded portion and bolt head a portion that is non-round to match the holes in said clamping rail, said bolts further having a means for retaining the non-round portion of said bolts in the non-round portion of said clamping rail

inserting said bolts into said clamping rail and retaining said bolts so that the non-round portions remain in engagement with the nor-round holes in said clamping rail, the resulting clamping rail – bolt assembly being handable without regard to orientation with said bolts remaining in place allowing said clamping rail –bolt assembly to be maneuvered into said media separating shaker machine with said bolts engaging holes in the side of said media separating shaker machine and said clamping rail becoming positioned to clamp said shaker screen to the side of said media separating shaker machine allowing said bolts to have nuts installed on said bolts on the outside of said media separating shaker machine with said nuts being tightened to clamp or loosened to unclamp said shaker screen without said bolts moving out of engagement and rotating.

10. (canceled) A method as in claim 9 wherein said bolts are carriage bolts and the holes in

said clamping rail are square and of a size to match the square portion on said carriage bolts.

11. (canceled) A method as in claim 9 wherein the means for retaining the non-round portion of said bolts in the non-round holes of said clamping rail is by modifying said bolts by adding a cross-hole at or near the junction of the threaded portion of said bolts and the non-round portions so as to receive a pin which serves to retain the non-round portion of said bolts in the non-round holes of said clamping rail.

12. (canceled) A method as in claim 11 wherein said pin inserted into the cross-hole is a roll pin.

13. (canceled) A method as in claim 11 wherein said pin inserted into the cross-hole is a cotter key.

14. (canceled) A method as in claim 9 wherein said means for retaining the non-round portion of said bolts in the non-round holes of said clamping rail is by modifying said bolts by adding a groove at or near the junction of the threaded portion and the non-round portion of said bolts to receive a retaining clip or ring.

15. (canceled) A method as in claim 9 wherein the non-round portion of said bolts are retained in the non-round openings in said clamping rail by installing over the threads of said bolts next to the non-round portion of said bolts on the opposite side of the clamping rail from the head of the bolts a device having an internal

opening deforming to clamp against the threads of said bolts and securing said device next to said clamping rail on said bolts.

16. (canceled) A method as in claim 15 where said device having deforming internal opening is an internal tooth washer.

17. (canceled) A method as in claim 9 wherein said means for retaining the non-round portion of said bolts in the non-round portion of said clamping rail is a standard nut or jam nut.

18. (original) A bolt having a head at one end with a shank of non-round cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt with said bolt having a cross-hole at or near the junction of the non-round cross section and the round threaded portion.

19. (withdrawn) A bolt having a head at one end with a shank of non-round cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt and said bolt having a groove around its circumference at or near the junction of the non-round cross section and the round threaded portion.

20. (previously new/now original) In combination; a bolt , retainer, and rail member for preventing rotation of said bolt while installing a nut onto or removing a nut from said bolt comprising,

said bolt having a head at one end with a shank of non-round cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt with said bolt having a cross-hole at or near the junction of the non-round cross section and the round threaded portion,

a retainer of a size and shape such that it can be fitted through the cross hole in said bolt and made secure at or near the junction of the non-round portion and the threaded portion of said bolt,

a rail member with one or more non-round holes along its length of a size and shape to match and receive the non-round portion of said bolt,

whereby, when the non-round portion of said bolt is passed through a non-round hole in the rail member and the retainer is installed into the cross hole in said bolt said bolt is restrained from moving out of engagement with the non-round opening in said rail member thereby preventing said bolt from rotating relative to the rail member.

21. (withdrawn) In combination; a bolt, retainer, and rail member for preventing rotation of said bolt while installing a nut onto or removing a nut from said bolt comprising,

said bolt having a head at one end with a shank of non-round cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt with said bolt having a groove around its circumference at or near the junction of the non-round cross section and the round threaded portion,

a retainer of a size and shape such that it can be installed on the groove in said bolt at or near the junction of the non-round portion and the threaded portion of said bolt,

a rail member with one or more non-round holes along its length of a size and shape to match and receive the non-round portion of said bolt,

whereby, when the non-round portion of said bolt is passed through a non-round hole in the rail member and the retainer is installed onto the groove in said bolt said bolt is restrained from moving out of engagement with the non-round opening in said rail member thereby preventing said bolt from rotating relative to the rail member.

22. (canceled) In combination; a bolt, retainer, and rail member for preventing rotation of said bolt while installing a nut onto or removing a nut from said bolt comprising,

said bolt having a head at one end with a shank of non-round cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt,

a retainer of a size and shape such that it can be installed onto said bolt at or near the junction of the non-round portion and round threaded portions of said bolt and be secure at or near said junction,

a rail member with one or more non-round holes along its length of a size and shape to match and receive the non-round portion of said bolt,

whereby, when the non-round portion of said bolt is passed through a non-round hole in the rail member and the retainer is installed onto said bolt said bolt is restrained from moving out of engagement with the non-round opening in said rail member thereby preventing said bolt from rotating relative to the rail member.

23. (amended) ~~[A]~~ In combination ~~[as in Claim 20 whereby]~~ a bolt, retainer, and rail member for preventing rotation of said bolt while installing a nut onto or removing a nut from said bolt comprising,

said ~~[a threaded]~~ bolt is a carriage bolt having a head at one end with a shank of square cross section extending from the head along said bolt length for some distance after which the shank is round and threaded for the remaining length of said bolt with said bolt having a cross-hole added at the juncture of the square portion and the round threaded portion to receive a retainer through the cross-hole at the junction of the threaded portion and the square portion of said carriage bolt, with said rail member having a square opening of shape and size to match the square portion of said carriage bolt.

24. (withdrawn) A combination as in Claim 21 whereby said threaded bolt is a carriage bolt having a groove added around the circumference at the juncture of the square portion and the round threaded portion to receive a retainer onto the groove at the junction of the threaded portion and the square portion of said carriage bolt, with said rail member having a square opening of shape and size to match the square portion of said carriage bolt.

25. (canceled) A combination as in claim 22 whereby said threaded bolt is a carriage bolt with said rail member having a square opening of shape and size to match the square portion of said carriage bolt.

26. (withdrawn) A combination as in Claim 20 where said retainer installed in the cross-hole is a roll pin.

27. (was new/now original) A combination as in Claim 20 where said retainer installed in the cross-hole is a cotter key.

28. (withdrawn) A combination as in Claim 20 where said retainer installed in the cross-hole is a wire.

29. (withdrawn) A combination as in Claim 21 where said retainer installed in the groove is a retaining ring.

30. (withdrawn) A combination as in Claim 21 where said retainer installed in the groove is a spring clip.

31. (withdrawn) A combination as in Claim 22 where said retainer installed is a push-on nut.

32. (withdrawn) A combination as in Claim 22 where said retainer installed is an internal tooth spring grip washer.

33. (withdrawn) A combination as in Claim 22 where said retainer installed is a threaded nut.